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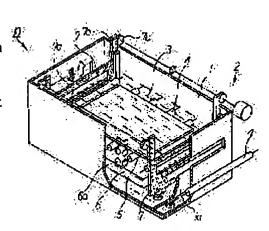
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(54) LEAF-TYPE ULTRASONIC PROCESSING EQUIPMENT

(57) Abstract:

PURPOSE: To conduct the most efficient processing by placing an object to be processed on loops of standing wave generated in processing liquid. CONSTITUTION: A leaf-type ultrasonic processing equipment 10 consists of a processing bath 1 and a liquid surface raising means 2. Processing liquid 3 is made to flow abundantly by being partitioned by bulkheads 1a which are provided in front and at back of the processing bath 1. An ultrasonic transmitter 6 is provided on the bottom of the processing bath 1. Ultrasonic processing can be conducted at the optimum efficiency, if rising up of movable bulkheads 7 is controlled in such way that the height of liquid surface of the processing liquid 3 which has been raised up from an object to be processed has relation with wavelength L of standing wave generated in the processing liquid 3, as the formula of H=L/2 indicates. As a result, processing time can be shortened by obtaining the most efficient processing effects.



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